

B<sup>14</sup>  
1. (Amended - Clean Copy) A method for performing an orthogonal code hopping multiplexing communication in a band spreading communications system, the method comprising:

performing a statistical multiplexing for communication channels from a first communication station to second communication stations by an orthogonal code hopping multiplexing communication.

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3. (Amended - Clean Copy) The method of claim 1, further comprising:  
distinguishing the communication channels from the first communication station to the second communication stations with use of orthogonal code hopping patterns.

4. (Amended - Clean Copy) The method of claim 2, further comprising:  
distinguishing the communication channels from the first communication station to the second communication stations with use of orthogonal code hopping patterns.

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8. (Amended - Clean Copy) The method of claim 3, further comprising:  
allocating the orthogonal code hopping pattern to the second communication stations.

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10. (Amended - Clean Copy) The method of claim 3, further comprising:  
performing the orthogonal code hopping multiplexing for a channel from among the channel having a low transmission data activity.

11. (Amended - Clean Copy) The method of claim 3, further comprising:

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transmitting a command for controlling transmission power of the second communication station with use of a separate common power control channel of the first communication station.

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12. (Amended - Clean Copy) The method of claim 11,

wherein the transmission power control command of each second communication station in the common power control channel is time-multiplexed and employs a collision-resistant hopping pattern for preventing collision of the hopping pattern.

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22. (Amended - Clean Copy) The method of claim 14, further comprising:

comparing despreading data symbols at a time of a hopping pattern collision caused by the random orthogonal code hopping patterns in order to transmit the data symbols when all of the data symbols are the same.

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23. (Amended - Clean Copy) The method of claim 14, further comprising:

comparing despreading data symbols at a time of a hopping pattern collision caused by the random orthogonal code hopping patterns in order to not transmit the data symbols when the data symbols are not the same.

24. (Amended - Clean Copy) The method of claim 23, further comprising:

increasing a transmission power of a data symbol next to the data symbols, which are not transmitted because of discordance of the despreading data symbols at a time of the hopping pattern collision.

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36. (Amended - Clean Copy) A method for band spreading communications in a band spreading communications system using orthogonal codes, the method comprising:

dividing the orthogonal codes into a first orthogonal code symbol group for code division multiplexing and;

dividing the orthogonal codes into a second orthogonal code symbol group for statistical multiplexing owing to orthogonal code hopping.

37. (Amended - Clean Copy) The method of claim 36, further comprising:

performing the code division multiplexing by fixedly allocating the orthogonal code symbols in the first orthogonal code symbol group to a channel having a high data activity in communications.

38. (Amended - Clean Copy) The method of claim 36, further comprising:

performing an orthogonal code hopping multiplexing for a channel having a low data activity according to an orthogonal code hopping pattern by using only the orthogonal code symbols in the second orthogonal code symbol group.

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